

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4117	385/129-132.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/10 13:20
L2	8	L1 and mesa and ((silicon adj oxynitride) or ("Si.sub.2N.sub.2O"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/10 11:30
L3	0	L1 and mesa and ("Si.sub.2N.sub.2O")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/10 11:27
L5	9	L1 and mesa and ((silicon adj oxynitride) or ("SiON"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/10 13:33
L6	1	L5 not L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/10 11:29
L7	18	L1 and (angl\$3 near2 sidewall)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/10 11:30
L8	0	("2005/0175286").URPN.	USPAT	OR	ON	2006/08/10 13:16
L9	171	385/129-132.ccls. and (clad\$4 with angl\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/10 13:20

## EAST Search History

L10	194	L1 and ((silicon adj oxynitride) or ("SiON"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/10 13:34
L11	54	L1 and (((silicon adj oxynitride) or ("SiON"))) with (refractive near2 index))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/10 13:34
S1	1	("6491447").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/22 09:36
S3	100	("4568960" "4796082" "5217943" "5593562" "4360248" "4433898" "5004317" "4530452" "4852964" "5315679" "5528712" "6012852" "5768462" "6041149" "6134356" "4400053" "4834786" "4915503" "4935045" "4946250" "5288659" "5347601" "5757986" "5790720" "5908305" "4249925" "4318058" "4318059" "4426129" "4532632" "4607912" "4784466" "4828592" "4843609" "4936645" "4953936" "4961618" "4969712" "4991921" "5011557" "5013128" "5193137" "5221633" "5223972" "5298762" "5311604" "5315672" "5358896" "5483613" "5535296").pn. ("5539850" "5627933" "5642447" "5642448" "5652814" "5654812" "5687267" "5693116" "5745631" "5756373" "5781578" "5790726" "5796905" "5809050" "5811838" "5838868" "5889904" "5903697" "5926594" "5978402" "5994679" "5999298" "5998781" "6002823" "6013025" "6021148" "6023542" "6063299" "6091870" "6108481" "6115169" "6115520" "6198858" "6341190" "6480639" "6694069" "6829398" "4972050" "5224184" "5225797" "5442475" "5537498" "5611008" "5659646" "6246098" "4403862" "4597631" "4816967" "4953930" "5266961").pn.	USPAT	OR	ON	2005/02/18 13:04

## EAST Search History

S4	269	(method with forming with waveguide) and ((angle\$1 or mesa ramp\$2 or slop\$3) with (clad or cladding))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 07:51
S5	2	("2001/0026669").URPN.	USPAT	OR	ON	2005/02/18 14:06
S6	101	(method with making with waveguide) and ((angle\$1 or mesa ramp\$2 or slop\$3) with (clad or cladding))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 14:39
S7	66	S6 not (S4 or S3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 14:39
S8	1752	(optical with waveguide) and ((angle\$1 or mesa ramp\$2 or slop\$3) with (clad or cladding))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 07:51

## EAST Search History

S9	100	("4568960" "4796082" "5217943" "5593562" "4360248" "4433898" "5004317" "4530452" "4852964" "5315679" "5528712" "6012852" "5768462" "6041149" "6134356" "4400053" "4834786" "4915503" "4935045" "4946250" "5288659" "5347601" "5757986" "5790720" "5908305" "4249925" "4318058" "4318059" "4426129" "4532632" "4607912" "4784466" "4828592" "4843609" "4936645" "4953936" "4961618" "4969712" "4991921" "5011557" "5013128" "5193137" "5221633" "5223972" "5298762" "5311604" "5315672" "5358896" "5483613" "5535296").pn. ("5539850" "5627933" "5642447" "5642448" "5652814" "5654812" "5687267" "5693116" "5745631" "5756373" "5781578" "5790726" "5796905" "5809050" "5811838" "5838868" "5889904" "5903697" "5926594" "5978402" "5994679" "5999298" "5998781" "6002823" "6013025" "6021148" "6023542" "6063299" "6091870" "6108481" "6115169" "6115520" "6198858" "6341190" "6480639" "6694069" "6829398" "4972050" "5224184" "5225797" "5442475" "5537498" "5611008" "5659646" "6246098" "4403862" "4597631" "4816967" "4953930" "5266961").pn.	USPAT	OR	ON	2005/02/22 07:51
S10	269	(method with forming with waveguide) and ((angle\$1 or mesa ramp\$2 or slop\$3) with (clad or cladding))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 07:51
S11	101	(method with making with waveguide) and ((angle\$1 or mesa ramp\$2 or slop\$3) with (clad or cladding))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 07:51
S12	1430	S8 not (S10 or S9 or S11)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 07:55

## EAST Search History

S13	647	S12 and "385"/.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 07:52
S14	12	("3185945"   "3948583").PN. OR ("4372641").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/22 08:00
S15	11	("3992079"   "4943129"   "5087109"   "5208882"   "5473710").PN. OR ("5568579"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/22 08:21
S16	4	("3904270"   "3920314").PN. OR ("3992079").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/22 08:22
S17	37	("3465159"   "3589794"   "3614198"   "3795433"   "3804489").PN. OR ("3920314"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/22 08:23
S18	0	("2005/0025408").URPN.	USPAT	OR	ON	2005/02/22 09:06
S19	368	S12 not S13	USPAT	OR	ON	2005/02/22 09:06
S20	541	S8 not S13	USPAT	OR	ON	2005/02/22 09:13
S21	278	S8 not (S13 or "372"/.ccls.)	USPAT	OR	ON	2005/02/22 09:13
S22	750	S8 not (S13 or "372"/.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 09:14
S23	1105	S8 not S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 09:13
S24	561	S8 not (S13 or "372"/.ccls. or "385"/.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 09:15

## EAST Search History

S25	54	(US-20010026669-\$ or US-20020037022-\$ or US-20020039475-\$ or US-20030067953-\$ or US-20030081900-\$ or US-20040120677-\$ or US-20040165812-\$ or US-20020001427-\$ or US-20030223696-\$ or US-20040017962-\$ or US-20050025408-\$).did. or (US-4318058-\$ or US-4568960-\$ or US-4915503-\$ or US-4972050-\$ or US-4990465-\$ or US-5114877-\$ or US-5124543-\$ or US-5225797-\$ or US-5263111-\$ or US-5288659-\$ or US-5347601-\$ or US-5654812-\$ or US-5701379-\$ or US-5756373-\$ or US-5811838-\$ or US-5889913-\$ or US-5903697-\$ or US-5910012-\$ or US-5978402-\$ or US-6002823-\$ or US-6021148-\$ or US-6063299-\$ or US-6480639-\$ or US-6491447-\$ or US-6529667-\$ or US-6640021-\$).did. or (US-6647044-\$ or US-6741781-\$ or US-4245883-\$ or US-4372641-\$ or US-3948583-\$ or US-5276745-\$ or US-5568579-\$ or US-3992079-\$ or US-3920314-\$ or US-6607933-\$ or US-5673284-\$ or US-4547396-\$ or US-6207975-\$).did. or (EP-695958-\$).did. or (JP-57132105-\$).did. or (EP-569181-\$ or EP-695958-\$). did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/22 12:27
S26	32	S25 and ((silicon with oxynitride) or ("SiON") or (silicon with dioxide) or ("SiO.sub.2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/22 12:29
S27	1	("6815266").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/22 09:36
S28	175	65/403.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 09:46

## EAST Search History

S29	301	65/386.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 10:11
S30	32	65/473.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 10:13
S31	548	438/40.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 10:14
S32	216	438/41.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 10:14
S33	198	438/43.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 10:17
S34	858	438/40-41,43.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 10:17
S35	24	S34 and (clad\$5 and core)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 10:17

## EAST Search History

S36	55	(US-20010026669-\$ or US-20020001427-\$ or US-20020037022-\$ or US-20020039475-\$ or US-20030067953-\$ or US-20030081900-\$ or US-20030223696-\$ or US-20040017962-\$ or US-20040120677-\$ or US-20040165812-\$ or US-20050025408-\$).did. or (US-3920314-\$ or US-3948583-\$ or US-3992079-\$ or US-4245883-\$ or US-4318058-\$ or US-4372641-\$ or US-4547396-\$ or US-4568960-\$ or US-4915503-\$ or US-4972050-\$ or US-4990465-\$ or US-5114877-\$ or US-5124543-\$ or US-5225797-\$ or US-5263111-\$ or US-5276745-\$ or US-5288659-\$ or US-5347601-\$ or US-5568579-\$ or US-5654812-\$ or US-5673284-\$ or US-5701379-\$ or US-5756373-\$ or US-5811838-\$ or US-5889913-\$ or US-5903697-\$).did. or (US-5910012-\$ or US-5978402-\$ or US-6002823-\$ or US-6021148-\$ or US-6063299-\$ or US-6207975-\$ or US-6480639-\$ or US-6491447-\$ or US-6529667-\$ or US-6607933-\$ or US-6640021-\$ or US-6647044-\$ or US-6741781-\$ or US-5198008-\$).did. or (EP-695958-\$).did. or (JP-57132105-\$).did. or (EP-569181-\$ or EP-695958-\$). did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/22 10:26
S37	4	S36 and (silicon adj oxynitride)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 10:28
S38	14	S36 and (silicon adj dioxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 10:29



## EAST Search History

S39	10	S36 and (clad\$5 same (silicon adj dioxide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 10:32
S40	32	S36 and (angle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 10:40
S41	0	((maximum near2 angle\$1) same ((index or indicies) near2 refraction)) and (optical adj waveguide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 10:42
S42	0	((maximum near2 angle\$1) same ((index or indicies) near2 refraction))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 10:42
S43	49	((maximum near2 angle\$1) same ((index or indicies) near2 refraction)) and (optical adj waveguide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 10:42